

- 1 1. A method comprising:
2 capacitively coupling a pair of terminals of an Ethernet connector to reduce cross
3 talk.
- 1 2. The method of claim 1 further including:
2 coupling a first capacitor between a first pair of terminals and coupling a second
3 capacitor between a second pair of terminals.
- 1 3. The method of claim 1 further including:
2 coupling a capacitor between the terminals coupled to the B+ and C- channels.
- 1 4. The method of claim 3 including coupling a capacitor between the C+ and B-
2 channels.
- 1 5. The method of claim 1 including coupling an adjacent channel to a non-adjacent
2 channel by a capacitor.
- 1 6. The method of claim 1 including coupling a capacitor between complementary
2 channels.
- 1 7. The method of claim 1 including reducing near end cross talk by capacitively
2 coupling non-adjacent channels.

- 1 8. A network connector comprising:
2 a plurality of terminals to receive network signals;
3 a first capacitor to couple a first pair of said terminals; and
4 a second capacitor to couple a second pair of said terminals.
- 1 9. The network connector of claim 8 further comprising:
2 a non-conductive housing having a jack, said terminals to contact mating Ethernet
3 connectors.
- 1 10. The network connector of claim 8 wherein said first pair of terminals include
2 terminals to receive the B+ and C- channels.
- 1 11. The network connector of claim 10 wherein said second pair of terminals include
2 terminals to receive the C+ and B- channels.
- 1 12. The network connector of claim 8 wherein said first pair of terminals are to
2 coupled to complementary channels.
- 1 13. The network connector of claim 12 wherein said second pair of said terminals are
2 coupled to complementary channels.
- 1 14. The network connector of claim 8 wherein said connector is an Ethernet
2 connector.
- 1 15. The network connector of claim 14 wherein said network connector is a fast
2 Ethernet connector.

1 16. The network connector of claim 14 wherein said network connector is a Gigabit
2 Ethernet connector.

1 17. A network adapter comprising:
2 an Ethernet connector having terminals, wherein a selected pair of terminals are
3 capacitively coupled to non-adjacent terminals.

1 18. The network adapter of claim 17 further comprising:
2 a network interface card; and
3 Ethernet networking circuitry located on said network interface card to enable a
4 multi-Gigabit Ethernet connection over a network.

1 19. The network adapter of claim 18 wherein said Ethernet connector including:
2 a first capacitor to couple a first pair of said terminals to receive first channel
3 signals and a second capacitor to couple a second pair of said terminals to receive second
4 channel signals.

1 20. A processor-based system comprising:
2 a processor; and
3 a network adapter coupled to said processor, said network adapter including an
4 Ethernet connector having a terminals, wherein a pair of said terminals are capacitively coupled.

1 21. The processor-based system of claim 20, said connector further comprising:
2 a first capacitor to couple a first pair of said terminals that are non-adjacent and a
3 second capacitor to couple a second pair of terminals that are non-adjacent.

1 22. The processor-based system of claim 21 further comprising:
2 a network interface card coupled to said processor; and
3 Ethernet networking circuitry located on said network interface card to enable a
4 multi-Gigabit Ethernet connection over a network.

1 23. The processor-based system of claim 22 wherein said Ethernet networking
2 circuitry including:
3 a first capacitor to couple a first pair of said terminals and a second capacitor to
4 couple a second pair of said terminals of said channels.

1 24. The processor-based system of claim 23 wherein said first and second capacitors
2 to reduce near end cross talk.